

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		S78 and ((serial near3 number) same (phone near3 number) same	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 11:50
L1	6246	("black box" black-box blackbox) and (vehicles cars boats trucks buses airplanes)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:39
L2	135069	"455".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:39
L3	141	l2 and l1	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:39
L4	1590	plb "personal locator beacon"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:39
L5	1	l4 and l3	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:39
L6	14814566	@ad< "20040629"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:41
L7	89	l6 and l3	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:41
L8	0	l7 and l4	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:41
L9	28	l7 and (distress beacon plb)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:41
L10	22	l9 and (black-box "black box recorder" recorder)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:43
L11	1	("2003/0003893").URPN.	USPAT	OR	ON	2009/06/10 17:50
L12	12	("20030003893"   "5389934"   "5414432"   "5519403"   "5629693"   "5661652"   "5726663"   "5748147"   "5847679"   "6011510"   "6628941"). PN. OR ("7003278"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/10 17:50
L13	0	l12 and (short near3 range) and (plb) and (rescue) and recorder	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:51

L14	0	l12 and (short near3 range) and (plb)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:51
L15	1	l12 and (short near3 range)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 17:51
L16	2	((("5155689") or ("5398190"))).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2009/06/10 17:55
L21	4	(mobiles devices pda laptops phones terminals subscribers) same (vehicles aircrafts airplanes vessels) same (distress emergency plb "personal locator beacon" beacon) same (bluetooth "short range" short-range) same (recorder "black box")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 18:13
L22	17	("5650770"   "5652570"). PN. OR ("5852401"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/10 18:15
L23	42303	ecu	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 18:36
L24	25853	l23 and l6	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 18:36
L25	6	l24 and l4	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 18:37
L26	4573	(vehicles vessels aircrafts airplanes) with (trans\$5 sends request) with (distress help beacon stranded emergency)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 18:41
L27	3071	l26 and l6	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 18:41
L28	86	l27 and ecu	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 18:41
L29	14	l28 and bluetooth	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 18:42
S1	1	"wo 0178032"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/20 22:03

S2	2	("6771163").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/09/20 22:08
S3	7	("4337463"   "5045839"   "5542100"   "5852401"   "5890061"   "5990793"). PN. OR ("6771163"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/20 22:08
S4	60	("3276015"   "3518674"   "3573819"   "3646580"   "3995273"   "4278975"   "4698781"   "4724538"   "4891650"   "4926496"   "5023900"   "5058200"   "5208756").PN. OR ("5542100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/20 22:14
S5	44	("3765016"   "4860336"   "4897642"   "4908848"   "4945556"   "5043736"   "5081667"   "5119504"   "5159625"   "5223844"   "5339351"   "5388147"   "5463675"   "5465388"   "5487108"   "5542100"   "5579443"   "5602901"). PN. OR ("5890061"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/20 22:15
S6	86	("2123196"   "2950360"   "3069511"   "3267414"   "4072831"   "4130803"   "4152553"   "4156292"   "4166978"   "4491699"   "4718415"   "4736740"   "4756308"   "4799263"   "4813025"   "4885796"   "4957106"   "4961420"   "4980926"   "5060308"   "5080092"   "5138666"   "5142700"   "5157378"   "5159641"   "5219290"   "5224473"   "5224474"   "5279286"   "5307793"   "5319711"   "5323774"   "5329637"   "5371804"   "5385141"   "5404577"   "5428688"   "5433612"   "5463693"   "5479408"   "5503141"   "5515419"   "5552772"   "5566362"   "5572990"   "5605145"). PN. OR ("5990793"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/20 22:16

S7	30	(US-7042338-\$ or US-5990793-\$ or US-5890061-\$ or US-5852401-\$ or US-5542100-\$ or US-5045839-\$ or US-4337463-\$ or US-6771163-\$ or US-7295128-\$ or US-7263073-\$ or US-7251471-\$ or US-7031729-\$ or US-7010327-\$ or US-6636732-\$ or US-RE38267-\$ or US-6564063-\$ or US-6421009-\$ or US-7348882-\$ or US-6873837-\$ or US-6711399-\$ or US-6584307-\$ or US-6198914-\$ or US-5602901-\$ or US-7398097-\$ or US-7378963-\$ or US-7346336-\$).did. or (US-6333694-\$ or US-6268798-\$ or US-6160481-\$).did. or (US-3518674-\$).did.	USPAT; USOCR	OR	ON	2008/09/20 22:50
S8	7	S7 and beacon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/20 22:50
S9	2	S8 and ("121.5" or "243" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/20 22:50
S10	224	("121.5 MHz" or "243 MHz" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/20 22:51
S11	65	S10 and beacon	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/20 22:51
S12	51	S11 and (person user subscriber mobile phone handset pda laptop)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/20 22:51
S13	17	S12 and (emergency and "406 MHz")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/20 22:52
S14	0	S13 and (homing with voice with signal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/20 22:52
S15	0	S13 and (homing and voice and signal)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/20 22:53

S16	6	S13 and (homing )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/20 22:53
S17	8	((("20040087284") or ("20050073458") or ("20070223996") or ("20080174484")).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	OFF	2008/09/20 22:56
S18	6	voice with homing with signal	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:02
S19	131	("4577182"   "4688244"   "4825457"   "4833477"   "4891650"   "4905271"   "4993059"   "5055851"   "5134644"   "5218367"   "5257397"   "5287398"   "5329576"   "5334974"). PN. OR ("5515419"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/21 09:04
S20	0	S19 and (voice with record \$3 with homing with signal with transmi\$4 )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:06
S21	0	S19 and (voice with record \$3 with homing )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:06
S22	0	S19 and (voice with homing )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:06
S23	5	S19 and (voice and homing )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:06
S24	70	("2123196"   "2950360"   "3069511"   "3267414"   "4072831"   "4130803"   "4152553"   "4156292"   "4166978"   "4491699"   "4718415"   "4736740"   "4756308"   "4799263"   "4813025"   "4885796"   "4957106"   "4961420"   "4980926"   "5060308"   "5080092"   "5138666"   "5142700"   "5157378"   "5159641"   "5219290"   "5224473"   "5224474"   "5279286"   "5307793"   "5319711"   "5323774"   "5329637"   "5371804"   "5385141"   "5404577"	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/21 09:12

		"5428688"   "5433612"   "5463693"   "5479408"   "5503141"   "5515419"   "5552772"   "5566362"   "5572990"   "5605145"). PN. OR ("6121881"). URPN.				
S25	1	S24 and (voice same (homing or beacon) )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:13
S26	0	S24 and (voice same (beacon) )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:15
S27	46	(voice with (homing or beacon) with signal with transmit\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:15
S28	44	S27 not S18	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:15
S29	44	S28 not S23	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:15
S30	44	S29 not S25	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:16
S31	1	S30 and (no near3 (phone mobile terminal device apparatus cellular network) near3 (service transmission transmit\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:23
S32	1	"No service" with (mobile terminal laptop device subscriber handheld handset phone) with (beacon homing) with (signal information data) with (available)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:25
S33	276	(mobile terminal laptop device subscriber handheld handset phone) with (beacon homing) with (signal information data) with (available)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:26
S34	2	S33 and ("out of range" "no service" "not enough resources" "not available")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:27

S35	91	("4166927"   "4475010"   "4513415"   "4718081"   "4754453"   "4850033"   "4903320"   "4916728"   "5101500"   "5101501"   "5111535"   "5127100"   "5150362"   "5159625"   "5193109"   "5212809"   "5212822"   "5239675"   "5243598"   "5261117"   "5289527"   "5291544"   "5295180"   "5301359"   "5303289"   "5319795"   "5327575"   "5353332"   "5442680"   "5442806"). PN. OR ("5613204"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/21 09:28
S36	25	S35 and (emergency)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:32
S37	0	S36 and (beacon)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:32
S38	0	S36 and (homing)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:32
S39	0	homing with emergency with ("no cellular" "no service" "roam" "out of range")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:36
S40	0	homing with beacon with emergency with ("no cellular" "no service" "roam" "out of range")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:36
S41	0	homing with beacon with ("no cellular" "no service" "roam" "out of range")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:36
S42	0	homing with ("no cellular" "no service" "roam" "out of range")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:36
S43	63	beacon with ("no cellular" "no service" "roam" "out of range")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:36
S44	224	("121.5 MHz" or "243 MHz" )	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:37

S45	0	S43 and S44	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:37
S46	30429555	@ad<"20050601"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:38
S47	190	S46 and S44	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:38
S48	0	S47 and S43	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:38
S49	45	S46 and S43	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:38
S50	2	S49 and (emergency)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 09:39
S51	817	455/404.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2008/09/21 11:22
S52	1	10/573575	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT	OR	ON	2009/02/17 14:01
S53	51	("20080261556" "6868074" "7317705" "20050153681" "6424300" "6088586" "6377793" "6756913" "6778818" "7224956" "20070207772" "20030100315" "6385458" "5461664" "5809123" "6240285" "20060217110" "6603977" "20040033795" "6480713" "7084809" "20040008138" "20080119203" "5818824" "5896113" "6728520" "20030040342" "7026984" "7181228" "20050143096" "20060256005" "20070257838" "4426733" "4525793" "5218367" "6771163" "20030034881" "5907802" "5940755" "6078805" "5604765" "6035193" "6456852"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/02/17 14:05



		"6922565" "7340241" "20030186709" "20070021098" "6430395" "5794141" "7076237" ). pn.				
S54	15817771	@ad<"20050629"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/02/17 14:26
S55	45	S54 and S53	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/02/17 14:26
S56	1	S55 and ("no service" "black out" "no service")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/02/17 15:44
S57	6622	("no service" "black out" "no service")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/02/17 15:51
S58	5025	S57 and S54	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/02/17 15:51
S59	24	mclellan.in. near scott.in.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/02/17 15:59
S60	22	S59 and S54	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/02/17 15:59
S61	120	personal near5 locator near5 beacon	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/02/24 12:31
S62	4	S61 and ((id identificat\$3) with (pin code) with (msidn ismi number "phone number") with emergency)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/02/24 12:34
S63	0	(10/746361).APP.	USPAT; USOCR	OR	ON	2009/02/24 13:52
S64	0	("2005/0143049").URPN.	USPAT	OR	ON	2009/02/24 13:53
S65	3	((("6888811") or ("6687504") or ("20040116134"))).PN.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	OFF	2009/03/01 08:35
S66	1811832	black "adj." box	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:10
S67	1	S66 with beacon with vehicle with (terminal phone handheld subscriber mobile)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:11
S68	5577455	S66 and beacon and vehicle and\ (terminal phone handheld subscriber mobile)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:11

S69	2105	S66 and beacon and vehicle and (terminal phone handheld subscriber mobile)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:11
S70	248	S69 and "455".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:12
S71	108	S70 and @ad<"20030401"	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:12
S72	0	S71 and (plb "personal location beacon")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:16
S73	108	S71 and ( beacon)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:16
S74	4	S71 and ( remote near1 site)	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:16
S75	12142	black adj box	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:18
S76	8429	S75 and S68	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:18
S77	20	S76 and S71	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/03/01 10:18
S78	44	(US-20060083189-\$ or US-20030034881-\$ or US-20050143049-\$).did. or (US-7042338-\$ or US-5990793-\$ or US-5890061-\$ or US-5852401-\$ or US-5542100-\$ or US-5045839-\$ or US-4337463-\$ or US-6771163-\$ or US-7295128-\$ or US-7263073-\$ or US-7251471-\$ or US-7031729-\$ or US-7010327-\$ or US-6636732-\$ or US-RE38267-\$ or US-6564063-\$ or US-6421009-\$ or US-7348882-\$ or US-6873837-\$ or US-6711399-\$ or US-6584307-\$ or US-6198914-\$ or US-5602901-\$ or US-7398097-\$ or US-7378963-\$ or US-7346336-\$).did. or (US-6333694-\$ or US-6268798-\$ or US-6160481-\$ or US-7162395-\$ or US-6992623-\$ or US-5515419-\$ or US-6118936-\$ or US-6324392-\$ or US-6121881-\$ or US-	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/10 11:46

		5613204-\$ or US-7076237-\$ or US-6150928-\$ or US-6148179-\$ or US-6047165-\$).did. or (US-3518674-\$).did.				
S79	36	S78 and ((serial adj\$2 number) with (phone adj \$3 number))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 11:47
S80	3	S79 and (plb "personal locator beacon")	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 11:47
S81	0	S78 and ((serial near number) with (phone near number) with (plb "personal locator beacon"))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 11:50
S82	0	S78 and ((serial near1 number) with (phone near1 number) with (plb "personal locator beacon"))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 11:50
S83	0	S78 and ((serial near3 number) with (phone near1 number) with (plb "personal locator beacon"))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 11:50
S84	0	S78 and ((serial near3 number) with (phone near3 number) with (plb "personal locator beacon"))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 11:50
S85	0	S78 and ((serial near3 number) same (phone near3 number) same (plb "personal locator beacon"))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 11:51
S86	1	((serial near3 number) same (phone near3 number) same (plb "personal locator beacon"))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 11:51
S87	1	S78 and ((serial adj2 number) with (phone adj3 number))	US-PGPUB; USPAT; FPRS; EPO; JPO	OR	ON	2009/06/10 11:51

6/ 10/ 2009 6:56:26 PM

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